

WHAT IS CLAIMED IS:

Sub
Fig. 1

1. An image data processing system comprising:
2 a digital camera having an image pick-up means for converting
3 the light from a photographic object into the image data;
4 an image data memory apparatus having the first memory section
5 which can store the image data; and
6 a communication apparatus having a communication section
7 respectively provided in the digital camera and the image data
8 memory apparatus, and the communication section transmitting and
9 receiving the image data, and a communication path to which the
10 communication section is connected,
11 wherein the first memory section is provided with a cache
12 area in which the stored image data is deleted at need and the new
13 image data is stored, and a saving area in which the image data
14 is accumulated.

1 2. The image data processing system as claimed in Claim 1,
2 wherein the digital camera has a direction means for directing in
3 which area of the saving area and cache area the image data is stored.

1 3. The image data processing system as claimed in claim 2,
2 wherein the digital camera has an image display section which can
3 display the image according to the image data.

1 4. The image data processing system described in Claim 3, wherein
2 the image data stored in the cache area is stored in the saving
3 area when reproduced in the digital camera.

1 5. The image data processing system described in claim 1, further
2 comprising:

3 a printing apparatus including:

4 a printing section printing the image according to the image
5 data stored in the first memory section;

6 a second memory section in which the image data printed by
7 the printing section is to be stored;

8 a communication section connected to the communication path;

9 transmitting means for transmitting the printed image data
10 from the first memory section to the second memory section when
11 the image according to the image data stored in the first memory
12 section is printed by the printing section; and

13 storing means for storing the printed image data stored in
14 the saving area of the first memory section.

1 6. An image data memory apparatus comprising:

2 a first memory section storing the image data photographed
3 by an outside digital camera, the first memory section having a
4 cache area storing a new image data by deleting a stored image data
5 at need and a saving area accumulating the image data without
6 deleting the already stored image data; and

7 output means for outputting the desired image data to be
8 printed from the first memory section to an external printing
9 apparatus in order to print the image in accordance with the image
10 data stored in the first memory section by external printing
11 apparatus.

1 7. The image data memory apparatus described in Claim 6, wherein,
2 in the case where the image data stored in the cache area is
3 reproduced or outputted to the printing apparatus by the digital
4 camera, when the image data is stored in the cache area, the image
5 data memory apparatus has a duplication means for duplicating the
6 image data from the cache area into the saving area.